

DECLARATION FOR PATENT APPLICATION

As a below named inventor of an invention titled METHOD AND APPARATUS FOR A HOME NETWORK AUTO-TREE BUILDER, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name,

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled METHOD AND APPARATUS FOR A HOME NETWORK AUTO-TREE BUILDER the specification of which (check one):

 X is attached hereto
 was filed on Application Serial No.
 and was amended on (or amended through)
 (if applicable)

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment(s) referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, Sec. 1.56(a).

I hereby claim foreign priority benefits under Title 35, United States Code, Sec. 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s)	Priority Claimed
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Number	Country	Day/Month/Year Filed	Yes	<u> X </u> No
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I hereby claim the benefit under Title 35, United States Code, Sec. 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, Sec. 112, I acknowledge the duty to disclosed material information as defined in Title 37, Code of Federal Regulations, Sec. 1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application.

<u>60/050,762</u> Appln. Serial No.	<u>June 25, 1997</u> Filing Date	<u>Pending</u> Status (patented, pending, abandoned)
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<u>60/059,499</u> Appln. Serial No.	<u>September 22, 1997</u> Filing Date	<u>Pending</u> Status (patented, pending, abandoned)
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I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

I/(We) hereby appoint the following agent(s) and/or attorney(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith: Jeffrey P. Aiello, Reg. No. 39,086; Israel Gopstein, Reg. No. 27,333; Benjamin J. Hauptman, Reg. No. 29,310; Kenneth M. Berner, Reg. No. 37,093; and Michael G. Gilman, Reg. No. 19,114. Direct all telephone calls to Jeffrey P. Aiello at telephone No. (408) 544-5452.

Address all correspondence to:

Jeffrey P. Aiello
Samsung Information Systems America
99 West Tasman Drive
San Jose, CA 95134
Tel: 408-544-5452
Fax: 408-544-5620

Full name of sole or first inventor: Richard James Humpleman

Inventor's signature: *R. Humpleman*

Date: 6/11/, 1998

Residence: 343 Lower Vintners Circle
Fremont, CA 94539

Post Office Address: Same

Citizenship: Great Britain

Full name of second inventor: G. Kevin Harms

Inventor's signature: *G. Kevin Harms*

Date: 6-11, 1998

Residence: 5790 Barnswell Way
San Jose, CA 95138

Post Office Address: Same

Citizenship: United States Citizen

Full name of third inventor: Michael S. Deacon

Inventor's signature: _____

Michael S Deacon

Date: 6/11/, 1998

Residence: 731 Colleen Drive
San Jose, CA 95123

Post Office Address: Same

Citizenship: United States Citizen

Full name of fourth inventor: Robert M. Wolff

Inventor's signature: _____

Robert M. Wolff

Date: 6/12, 1998

Residence: 40542 Blacow Road
Fremont, CA 94538

Post Office Address: Same

Citizenship: United States Citizen



UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office

ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

OCTOBER 28, 1998

PTAS
SAMSUNG INFORMATION SYSTEMS ET AL. RECEIVED
JEFFREY P. AIELLO
99 WEST TASMAN DRIVE
SAN JOSE, CA 95134



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SAMSUNG PATENTS DEPT

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 07/29/1998

REEL/FRAME: 9363/0766

NUMBER OF PAGES: 4

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

HUMPLEMAN, RICHARD JAMES

DOC DATE: 07/07/1998

ASSIGNOR:

HARMS, G. KEVIN

DOC DATE: 07/07/1998

ASSIGNOR:

DEACON, MICHAEL S.

DOC DATE: 07/07/1998

ASSIGNOR:

WOLFF, ROBERT M.

DOC DATE: 06/24/1998

ASSIGNEE:

SAMSUNG ELECTRONICS CO., LTD.
416, MAETAN-DONG, PALDAL-GU
SUWON-CITY, KYUNGKI-DO
REPUBLIC
OF KOREA

9363/0766 PAGE 2

SERIAL NUMBER: 09104297
PATENT NUMBER:

FILING DATE: 06/24/1998
ISSUE DATE:

SHARMALLA SIMPSON, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

07-1998



VER SHEET

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

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To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Richard James Humpleman, G. Kevin Harms,
Michael S. Deacon, Robert M. Wolff

Additional name(s) of conveying party(ies) attached? ☐ Yes

☒ No

2. Name and address of receiving party(ies):

Name: Samsung Electronics Co., Ltd.

Address: 416, Maetan-Dong, Paldal-Gu,

Suwon City, Kyungki-Do,

Republic of Korea

Additional name(s) & address(es) attached? ☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment

☐ Merger

☐ Security Agreement

☐ Change of Name

☐ Other

Execution Date:

4. Application number(s) or patent number(s): 09/104,297

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Jeffrey P. Aiello

Internal Address:

Samsung Information Systems America, Inc.

Street Address: 99 West Tasman Drive

City: San Jose State: CA ZIP: 95134

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41) \$40.00

☒ Enclosed

☐ Authorized to be charged to deposit account

8. Deposit account number:

(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

08/06/1998 TTON11 00000054 09104297

01 FC:581

40.00 DP

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Jeffrey P. Aiello, Reg. No. 39,086

Name of Person Signing, Reg. No.

Signature

Date

Total number of pages including cover sheet, attachments & document: 4

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
ASSIGNMENT OF PATENT**

WHEREAS, RICHARD JAMES HUMPLEMAN, G. KEVIN HARMS, MICHAEL S. DEACON, AND ROBERT M. WOLFF, each of which are United States citizens have invented certain new and useful improvements in METHOD AND APPARATUS FOR A HOME NETWORK AUTO-TREE BUILDER for which an application for a United States Patent is filed herewith and;

WHEREAS, Samsung Electronics Co., Ltd., a corporation of the Country of Korea, with its principle business address at 416, Maetan-Dong, Paldal-Gu, Suwon City, Kyungki-Do, Republic of Korea, is desirous of acquiring the entire right, title, and interest in and to our said invention and in and to the United States Letters Patent thereon, when granted, and in and to any and all improvements thereon;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN:

BE IT KNOWN that for good and valuable consideration, the receipt of which thereof is hereby acknowledged, we, the said RICHARD JAMES HUMPLEMAN, G. KEVIN HARMS, MICHAEL S. DEACON, AND ROBERT M. WOLFF, by these presents do sell, assign, and transfer unto said Samsung Electronics Co., Ltd., the entire right, title, and interest in and to any and all Letters Patent for the whole of the United States and each and every foreign country to be obtained therefor on said application or any continuation, division, renewal, substitute, or reissue thereof, and in and to any and all improvements thereon.

THE SAME TO BE HELD and enjoyed by Samsung Electronics Co., Ltd., its successors and assigns, for its own use, to the full end of the term for which the said Letters Patent may or shall be granted, as fully and entirely as the same might or could have been enjoyed by us has this Assignment and sale not been made.

AND WE HEREBY AUTHORIZE and request the Commissioner of Patents and Trademarks to issue said United States Letters Patent on our said invention, when granted, unto our said Assignee, Samsung Electronics Co., Ltd., a corporation, in accordance with this assignment.

Executed this 24th day of June, 1998, at Samsung Information Systems America, Inc., 99 West Tasman Drive, San Jose CA 95134

7/7/98
Date

Richard James Humpleman
Richard James Humpleman

STATE OF _____)
COUNTY OF _____) SS:

On this _____ day of _____, 19____, before me personally appeared Richard James Humpleman, to me known to be the person named in and who executed the above instrument, and acknowledged to me that he/she executed the same for the uses and purposes therein set forth.

SEAL

Notary Public

My commission expires _____

7-7-98
Date

G. Kevin Harms
G. Kevin Harms

STATE OF _____)
COUNTY OF _____) SS:

On this _____ day of _____, 19____, before me personally appeared G. Kevin Harms, to me known to be the person named in and who executed the above instrument, and acknowledged to me that he/she executed the same for the uses and purposes therein set forth.

SEAL

Notary Public

My commission expires _____

7/7/98
Date

Michael S. Deacon
Michael S. Deacon

STATE OF _____)
COUNTY OF _____) SS:

On this _____ day of _____, 19____, before me personally appeared Michael S. Deacon, to me known to be the person named in and who executed the above instrument, and acknowledged to me that he/she executed the same for the uses and purposes therein set forth.

SEAL

Notary Public

My commission expires _____

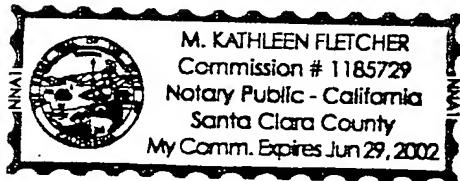
6/24/98
Date

Robert M. Wolff
Robert M. Wolff

STATE OF California)
COUNTY OF Santa Clara) SS:

On this 24TH day of June, 1998, before me personally appeared Robert M. Wolff, to me known to be the person named in and who executed the above instrument, and acknowledged to me that he/she executed the same for the uses and purposes therein set forth.

SEAL



M. Kathleen Fletcher
Notary Public

My commission expires 6/29/02

FILING RECEIPT



UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

APPLICATION NUMBER	FILING DATE	GRP ART UNIT	FIL FEE REC'D	ATTORNEY DOCKET NO.	DRWGS	TOT CL	IND CL
09/104,297	06/24/98	2772	\$790.00	2810-044	16	8	1

JEFFREY P AIELLO
SAMSUNG INFORMATION SYSTEMS AMERICA
99 WEST TASMAN DRIVE
SAN JOSE CA 95134



Receipt is acknowledged of this nonprovisional Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Application Processing Division's Customer Correction Branch within 10 days of receipt. Please provide a copy of the Filing Receipt with the changes noted thereon.

Applicant(s)

RICHARD JAMES HUMPLEMAN, FREMONT, CA; G. KEVIN HARMS,
SAN JOSE, CA; MICHAEL S. DEACON, SAN JOSE, CA; ROBERT M.
WOLFF, FREMONT, CA.

CONTINUING DATA AS CLAIMED BY APPLICANT-

PROVISIONAL APPLICATION NO. 60/050,762 06/25/97

PROVISIONAL APPLICATION NO. 60/059,499 09/22/97

FOREIGN FILING LICENSE GRANTED 07/15/98

TITLE

METHOD AND APPARATUS FOR A HOME NETWORK AUTO-TREE BUILDER

PRELIMINARY CLASS: 345